

ABSTRACT

The present invention discloses that phosphorylation of cytoplasmic tyrosine residues in the  $\beta$ -subunit of integrins is needed for signal protein association. The invention  
5 provides methods of identifying signaling partners involved in integrin mediated signaling, methods of identifying agents which block integrin mediated signaling, methods of using agents which block integrin mediated signaling to modulate biological and pathological processes, and agents which block integrin mediated signaling.